

# Samy Ramsey

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## EDUCATION

**Indiana University**, Bloomington, Indiana

August 2016

- *Bachelor of Arts, Computer Science*
- *Bachelor of Science, Informatics*

## PROJECTS

### Twitter Clone

- Social networking application built with Ruby on Rails, inspired by Twitter
- Heroku-deployed, incorporating full user registration, login session, tweet and follow functionality

### League of Legends Team Statistics

- Web application that uses Riot Games' API to scrape eSports professional player data
- Sorts data from API calls into JSON, caching for later use to counteract rate limiting
- Makes extensive use of closures, asynchronous callbacks and modular JavaScript through Node.js backend

### Collaborative MIDI Sequencer

- Music application built in Java that converts UI state into track of MIDI events
- Built with Swing, includes save feature and multithreaded chat server for music collaboration
- Demonstrates understanding of I/O data stream chaining and object serialization

## QUALIFICATIONS

### Languages:

- Proficient in: JavaScript, Java, C++, SQL, HTML/CSS
- Familiar with: Python, Ruby, PHP, x86 Assembly, Racket/Scheme

### Other:

- Git, Node.js, AngularJS, jQuery, Rails, Eclipse, Selenium, HP UFT, JIRA, Windows/Linux OS

## WORK EXPERIENCE

**MacAllister Machinery**, Indianapolis, IN

May - August 2015

*Software Development Intern*

- Wrote batch scripts in PHP to facilitate transfer of data from AS/400 to new SQL database
- Methodically tested new functionality in transaction software and company intranet
- Worked with Agile team to manage projects and track bugs while participating in code reviews

**WorkRight Occupational Health Services**, Countryside, IL

April - September 2014

*IT Assistant*

- Built and maintained company website and performed troubleshooting procedures
- Sorted and scanned medical records in compliance with federally mandated standards